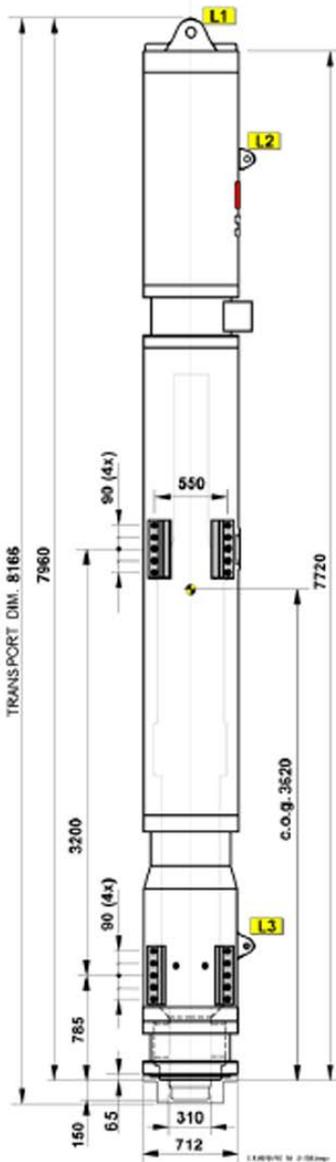
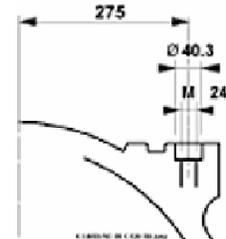
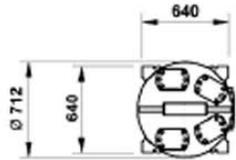


Specifications: S-120 HydroHammer® Uses P- 460 Power Pack

APPLICATION: Steel piles driving and extraction. On shore and underwater

Equipment	Manual
sheet no.	: 1.1.0070
revision	: 15
date	: October 2005
page	: 1/1

Code no. 85.18.00.02



Main dimensions

Weights approx in:

Metric tons/US tons

Ram :	6.2 / 6.8
Hammer (incl. ram, in air) :	14.3 / 15.8
Hammer (incl. ram, in salt water) :	11.0 / 12.1
<i>(Only if fully submerged)</i>	

Energy per Blow

Max:	120 KJ/ 88507.5 ft lbs
Min:	6 KJ/ 4425.4 ft lbs
Number of blows:	44 min

Hydraulic Data

Operating pressure :	250 bar
Max. pressure:	350 bar
Recommended oil flow:	460 l/min/ 121.5 gal/min

Gas Filling Pressure

Vertical pile driving only! Values will vary for:

1. Pile driving under different angles with the vertical.
2. Pile driving underwater depending on water depth.

Supply accumulator (Nitrogen):	120–140 bar
Return accumulator (Nitrogen):	4–5 bar
Cap (Nitrogen or Air):	12–16 bar

Safety Setting

Cap :	40 bar
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Hose Connections

Oil supply 1½" hose (P)	M52x2 male
Oil return 1½" hose (R)	M52x2 male
Nitrogen to cap (CA)	R ¾" male

Pos. Lifting Eyes	WLL (working load limit)- metric ton/US tons	HOLE Ø	THICKNESS
L1 (green pin shackle)	55/ 60.6	Ø75mm	80mm
L2 / L3	17/ 18.7	Ø45mm	55mm

Standard (type G-4163)
for Top Shackle